

T491C475K016AGAUTO

T491 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 4.7 uF, 10%, 16 VDC, SMD, MnO2, Molded, Auto, AEC-Q200, 2.4 Ohms, 2.8 mm, 2312 / 6032



Click [here](#) for the 3D model.

General Information

Series	T491 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Auto, AEC-Q200
Features	Automotive
RoHS	Yes
Termination	Gold
Qualifications	AEC-Q200
Typical Component Weight	224.48 mg

Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Specifications

Capacitance	4.7 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	2.4 Ohms (100kHz 25C)
Ripple Current	214 mA (rms, 100kHz 25C)
Leakage Current	0.8 uA (5min 25°C)

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

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